

Review #2

①



\$85



100 %

$$\begin{array}{cc} \% & \$ \\ \frac{28}{100} = & \frac{?}{85} \end{array}$$

$$? = \$23.8$$

$$\$61.20$$

$$0.072 \cdot 61.20 = 4.41$$

$$61.20 + 4.41 = \$65.61$$

②

$$\frac{9 \text{ gal}}{144 \text{ miles}} = \frac{x \text{ gallons}}{650 \text{ miles}}$$

$$x = 40.63 \text{ gal.}$$

③

$$\frac{\boxed{\text{tagged}}}{40 \text{ total}} = \frac{\boxed{\text{deer}}}{x \text{ total}}$$

$$\frac{4 \text{ recapture}}{35 \text{ recaptured}}$$

$$x = 350$$

$$\textcircled{4} \quad \frac{15}{64} = \frac{P}{100}$$

$$64P = 1500$$

$$P = \frac{1500}{64}$$

$$P = 23.44$$

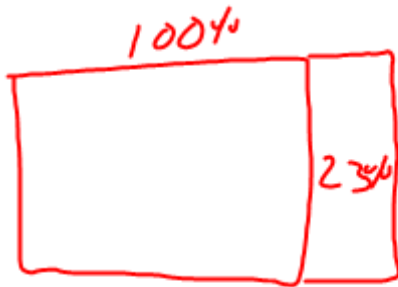
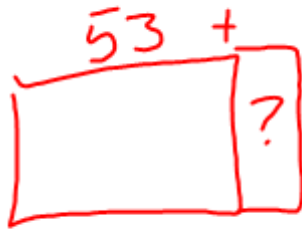
$$\frac{22}{4} = \frac{32}{x}$$

$$22x = 128$$

$$x = \frac{128}{22}$$

$$x = 5.8$$

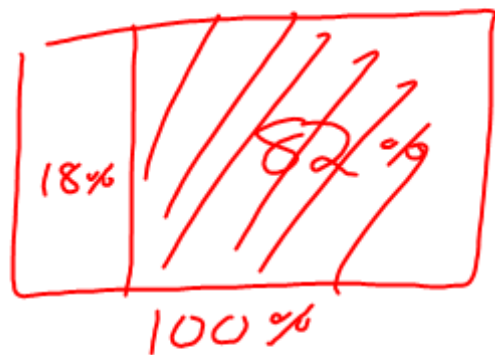
(5)



$$\frac{23}{100} = \frac{?}{53} \quad ? = 12.2$$

$$\text{So } 53 + 12.2 = \boxed{65.2 \text{ oz}}$$

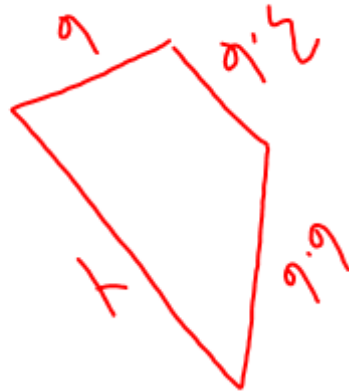
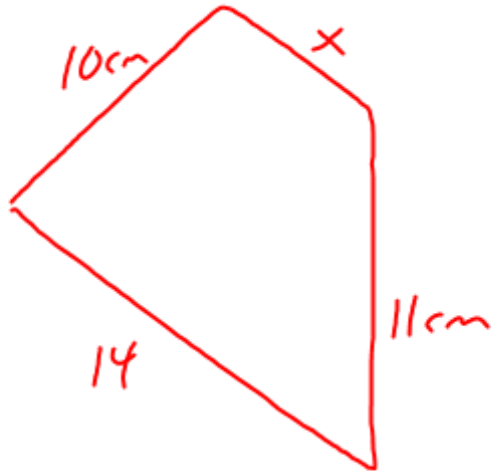
⑥



$$\frac{18}{100} = \frac{300}{??} \quad ?? \approx 1667 \text{ pumpkins}$$

$$18 \cdot x = 30,000$$

⑦



$$\frac{x}{3.6} = \frac{10}{6} = \frac{11}{y} = \frac{14}{6.6}$$
$$x = 6$$
$$y = 8.4$$